BRUHAT BENGALURU MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK : ENGAGEMENT OF GANGMAN AND HIRING OF TRACTOR TIPPERS FOR CLEANING AN MAINTENANCE OF ROAD SIDE DRAINS AND OTHER CLEANING WORKS IN WORKS IN WARD NO.02

Estimate Cost Rs. 12.00 Lakhs

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
1	Removing B.S. slab of Drain and stacking.(P No.25 / I N 5.32)								
		Sqm							
			2	150.00	1.20		360.00		
			2	120.00	0.90		216.00		
			2	47.00	1.50		141.00		
							717.00	65.72	**47121.00**
	Basic Rate	62.00							
	Area Weightage @ 6%	3.72							
	Total	**65.72**							
2	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH Chapter 3 (P.142/I.19.1)								
	Desilting for Drain	Cum							
			2	220.00	0.60	0.75	198.00		
			2	350.00	0.60	0.50	210.00		
			2	150.00	0.60	0.80	144.00		
			2	200.00	0.60	0.90	216.00		
							768.00	86.92	**66755.00**
	Basic Rate	82.00							
	Area Weightage @ 6%	4.92							
	Total	**86.92**							
3	KSRB M300-19. Removal of unserviceable soil including excavation loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specications. (P.No.144 & I.No.19.20)								
	Removal of Debris	Cum							
			10	15.00	3.00	0.75	337.50		
			15	12.00	4.00	0.80	576.00		
			7	10.00	3.50	0.90	220.50		
							1134.00	39.22	**44475.00**
	Basic Rate	37.00							
	Area Weightage @ 6%	2.22							
	Total	**39.22**							
4	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1)								
		Cum							
				Qty Vide Item No.2+3			**1902.00**	100.00	**190200.00**
	Average Weight of Earth 1.28 Tonne/Km								
	Basic Rate Lead Charges for 10.00 Kms (2.50X1.28X10.00)	32.00							

324 876

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
Add loading and unloading Item No 17.1)	68.00							
Total	100.00							

TECHNICALLY SANCTIONED FOR Rupees Twelve Lakhs Only Under P.3110. Subject to conditions contained in endorsement Dt. EE/YNK/TS/17/17-18 Dated 30-6-2017 12.00 lacs Executive Engineer

5 **Refixing stone slabs** of drains and pointing in C.M.(1:3)(P.No.25/I.No.5.33)

	Sqm					
	75% of Qty Vide Item No.1			537.75	80.56	43321.00
Basic Rate	76.00					
Area Weightage @ 6%	4.56					
Total	80.56					

6 Providing and fixing RCC precast Slabs of 0.10 m thick of CC 1:2:4 with 20 mm and down size graded granite metal , machine mixed , including cost of all material , labour , HOM of Machinery , curing complete

	Sqm					
	10% of Qty Vide Item No.1			71.70		
				71.70	2100.00	**150570.00**
Data Rate	**2100.00** ✓					

7 1023 - Hire charges of Tractor 40HP including operator and fuel (P.No XXXXVI Code No.1023 Sl.No.19 PWD SR 2016-17)

	Day					
	4	60.00		240.00		
				240.00	1520.00	364800.00
Basic Rate	**1520.00**					

300.00 1,56000 5,17200 300.00

8 1031 - Hire charges of J.C.B Excavator (P.No XXXXVI Code No.1031 Sl.No.23 PWD SR 2016-17)

	Day					
	5	2.00		10.00		
				10.00	6720.00	**67200.00**
Basic Rate	6720.00					

9 Engaging Casual Labours (Unskilled mazdoor Heavy) (P.No.LIV Sl.No.5 PWD SR 2016-17)

	Day					
				480.00		
				480.00	258.88	124262.00
Basic Rate	258.88					
				Sub-Total Amount		1098704.00
10 ~~9% for KRIDL Charges~~						~~98883.00~~
11 Miscellaneous and unforeseen charges	LS					~~2413.00~~ 1009618
				Grand Total Amount		1200000.00

Administrative Approval
Accorded For 12.00 lakhRs
Head of A/C P3110
CER NO :.....81..... Dt:..30/06/17

TA CE (YNK)

1189304.82

(Rupees Twelve Lakhs Only)

CERTIFICATE

1) The site has been inspected and the work is found to be necessary.
2) The rates adopted are as per PW,P IWTD SR of 2016-17 and data rate of Bangalore Circle.
3) The provisions were made in this estimate are necessary and adequate.
4) The area comes under the Bruhat Bengaluru Mahanagara Palike Limits.

Asst Engg
Loc.No 2